

**HAWAII LONGLINE OBSERVER PROGRAM
ANNUAL STATUS REPORT
January 1, 2004 - December 31, 2004**

Pacific Islands Regional Office
National Marine Fisheries Service
January 25, 2005

The Hawaii-based pelagic longline fishery targeting swordfish and tunas has been monitored under a mandatory observer program since February 1994. Beginning March 1994, branch personnel have conducted daily shoreside dock rounds in Honolulu to determine which fishing vessels are in port. These dock rounds are used to obtain an estimate of fishing effort on a real-time basis by assuming that a vessel is fishing when it is absent from the harbor. This report is used to ensure prompt dissemination of Hawaii Longline Observer Data and may be revised after final data editing has been completed. The following table summarizes percent observer coverage for vessel departures, vessels arriving with observers, and protected species interactions for vessels arriving with observers during 2004.

Vessel Departures – 2004 (January 1, 2004 – December 31, 2004)

Departures -----	1344
Departures with Observers -----	330
Observer coverage 2004 -----	24.6%

Vessels Arriving with Observers – 2004

Departures with observers in 2004 -----	330
Observers departing in 2003 arriving in 2004 -----	10
Observers departing in 2004 arriving in 2005 -----	13
Total vessels arriving with observers – 2004 -----	327

Protected Species Interactions – 2004

Vessels arriving with observers in 2004 -----	327
Trips with turtle interactions -----	17
Trips without turtle interactions -----	310
Trips with marine mammal interactions -----	8
Trips without marine mammal interactions -----	319
Trips with seabird interactions -----	7
Trips without seabird interactions -----	320

Total Sea Turtle Interactions -----	17
Released Injured	
Leatherback -----	3
Released Dead	
Olive Ridley -----	13
Green -----	

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Total Marine Mammal Interactions -----	8
Released Injured	
False Killer Whale -----	5
Humpback Whale -----	1
Shortfinned Pilot Whale -----	1
Released Dead	
False Killer Whale -----	1

Total Seabird Interactions -----	8
Released Dead	
Unidentified Shearwater -----	2
Laysan Albatross -----	2
Black-footed Albatross -----	4

Total Sets	3,958
Total Hooks Retrieved	7,900,681
Turtles per 1,000 Hooks	0.002
Seabirds per 1,000 Hooks	0.001
Marine Mammals per 1,000 Hooks	0.001

Note: The percent of observer coverage is based on vessel departures.

Protected species interactions are based on vessel arrivals. For the purpose of this report, an animal that becomes hooked or entangled is an interaction.